

FIGURE - 1

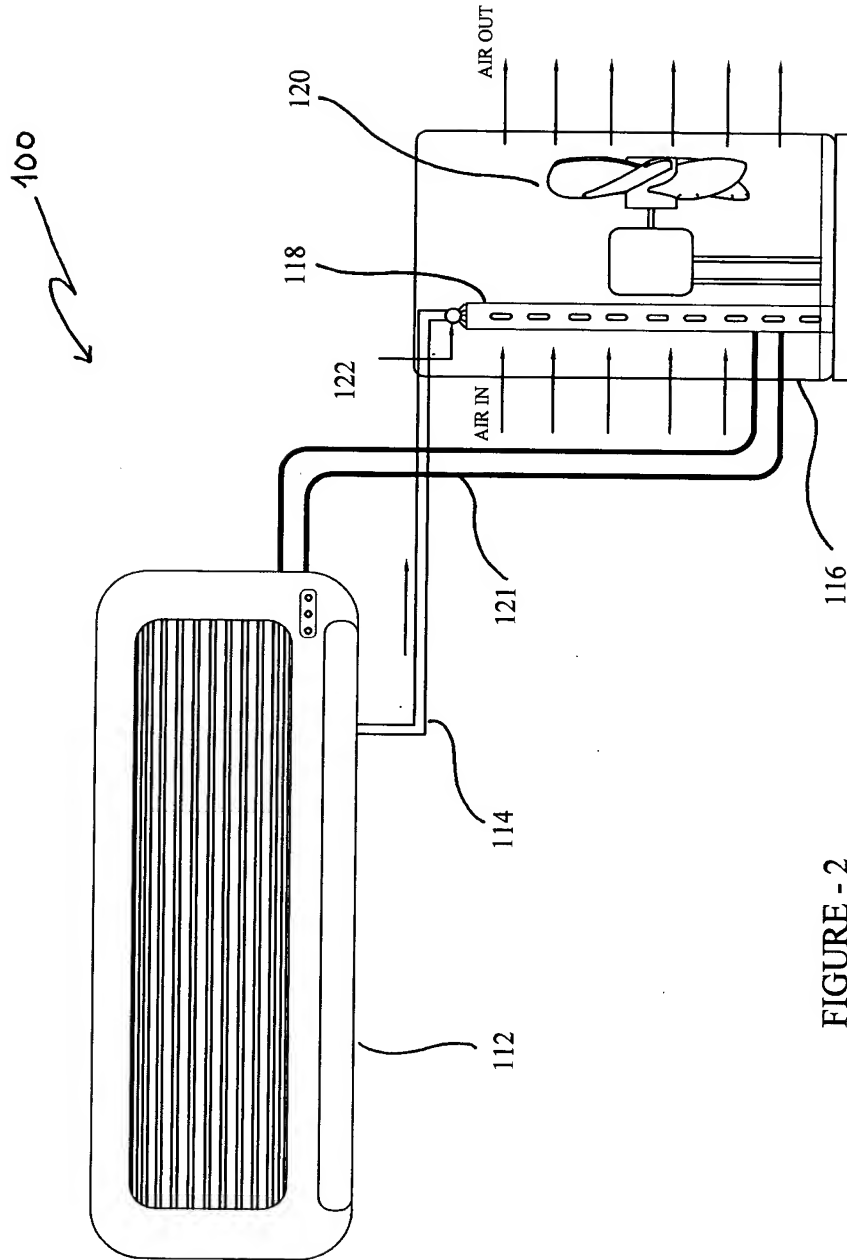


FIGURE - 2

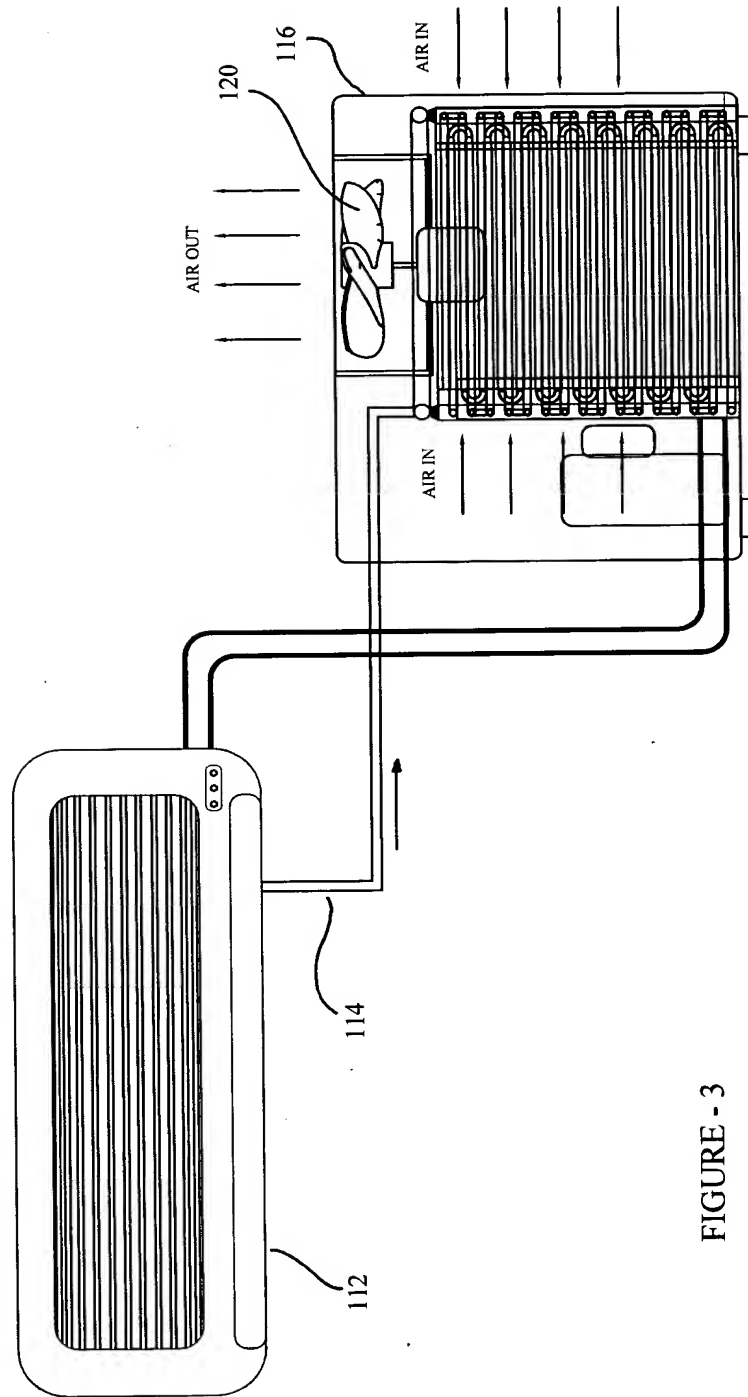


FIGURE - 3

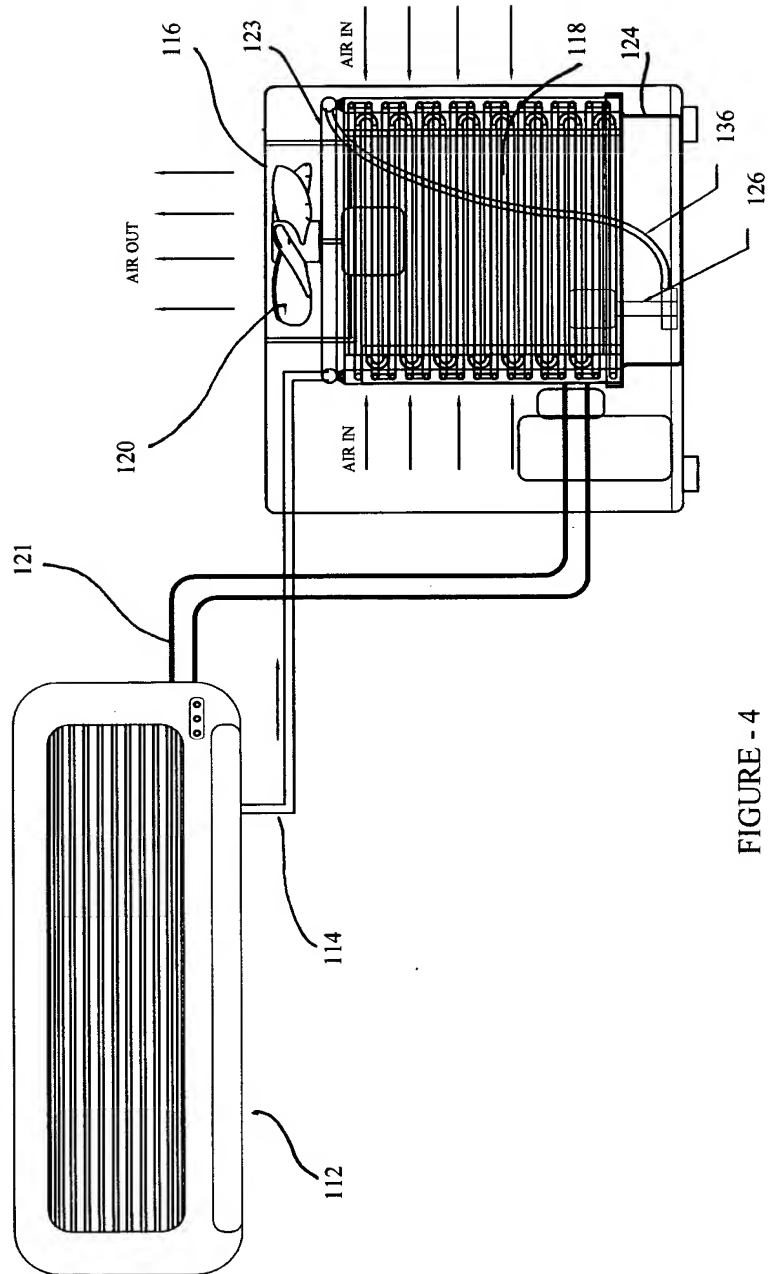


FIGURE - 4

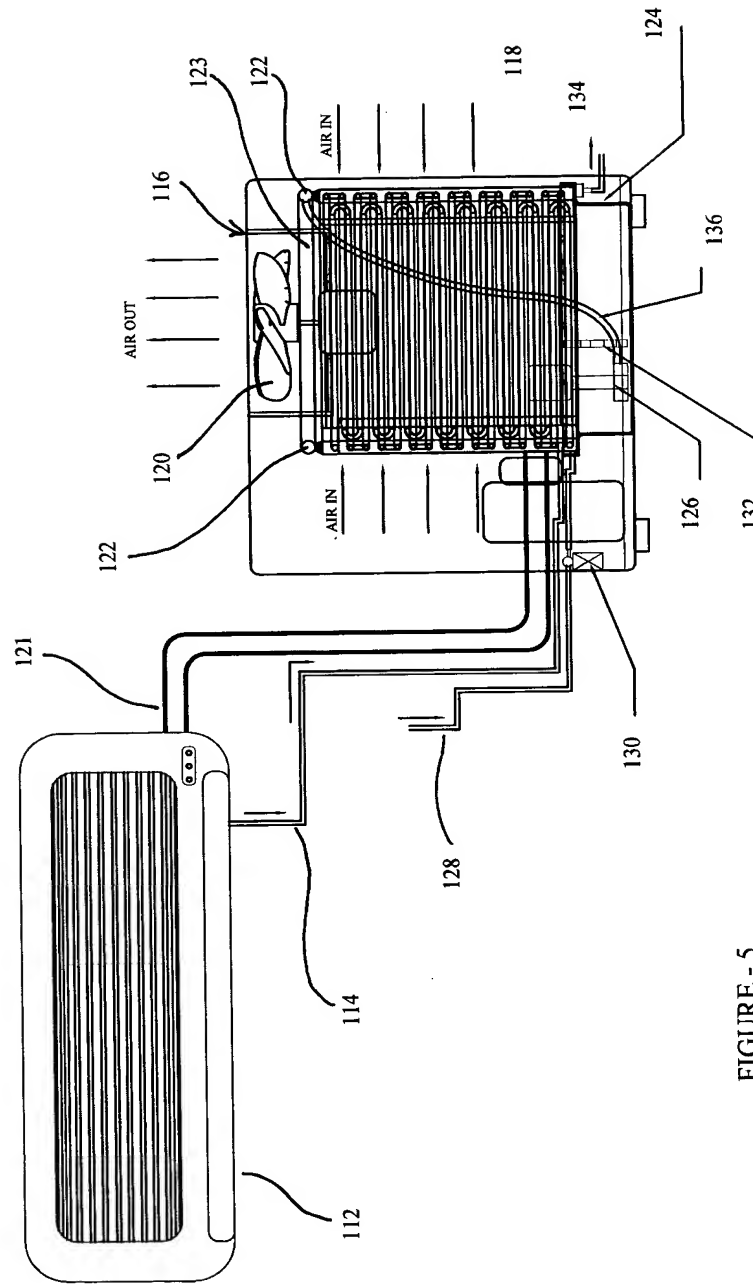


FIGURE - 5

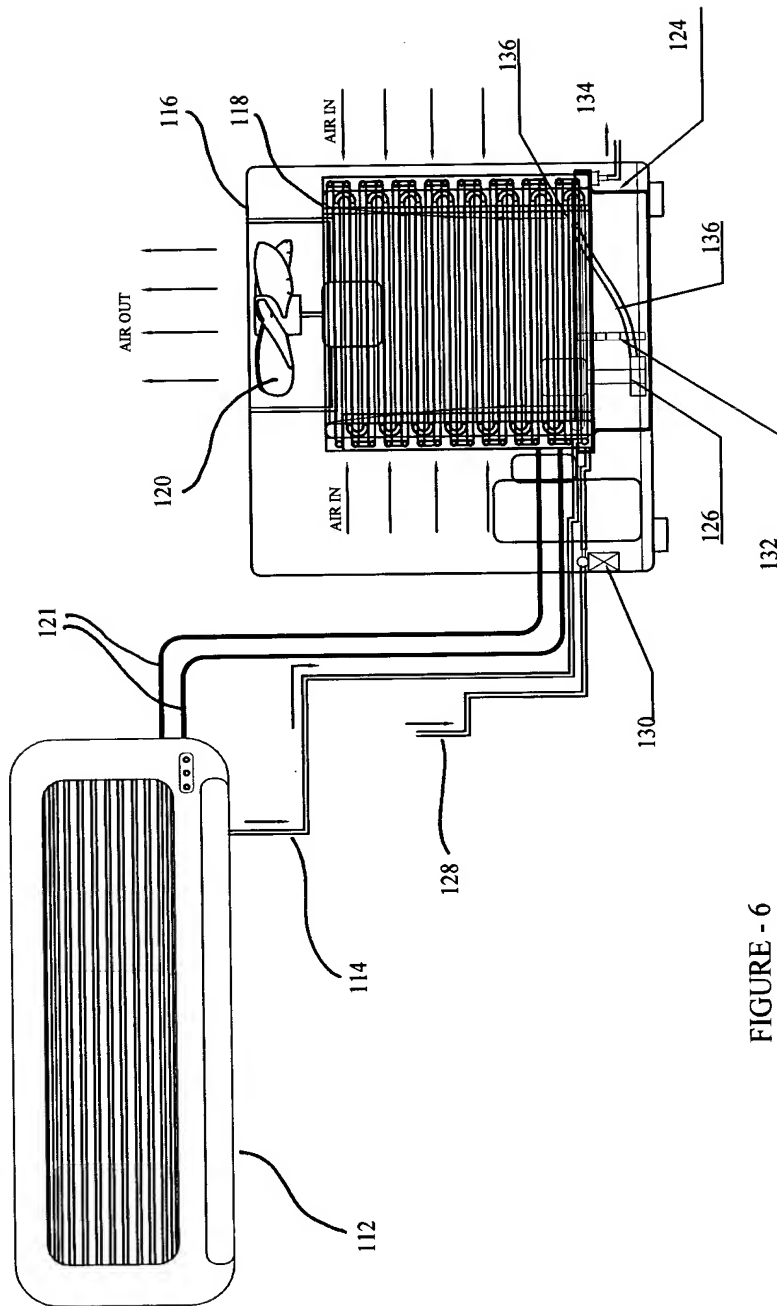


FIGURE - 6

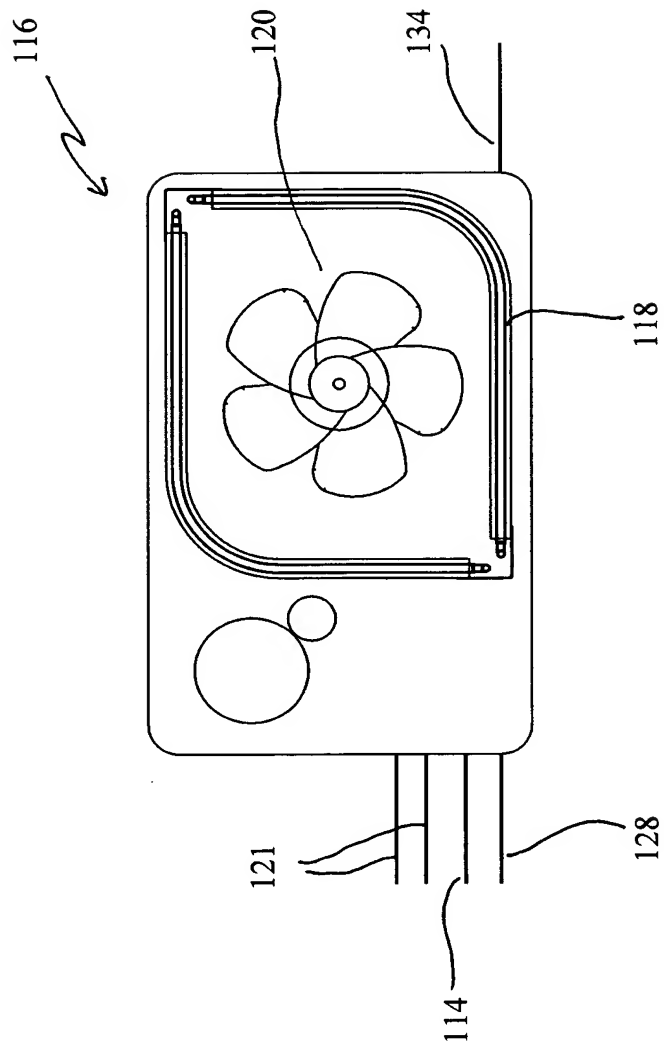


FIGURE - 7

| Sr No | Room Temp D.B. | Room Temp W.B. | Outlet Temp D.B. | Outlet Temp W.B. | Ambient Temp D.B. | Ambient Temp W.B. | Suction Pressure | Discharge Pressure | Current (Amp) | Power (Watt) | Freq (Hz) |
|-------|----------------|----------------|------------------|------------------|-------------------|-------------------|------------------|--------------------|---------------|--------------|-----------|
| 1     | 26.7           | 19.0           | 12.1             | 11.6             | 35.1              | 29.9              | 69.0             | 290.0              | 9.4           | 1960         | 50.1      |
| 2     | 26.8           | 19.1           | 12.3             | 11.5             | 34.9              | 30.1              | 68.0             | 288.0              | 9.5           | 1980         | 49.9      |
| 3     | 26.5           | 18.8           | 12.2             | 11.6             | 34.7              | 30.1              | 67.0             | 288.0              | 9.5           | 1980         | 49.9      |
| 4     | 26.7           | 18.9           | 12.1             | 11.6             | 34.8              | 29.7              | 69.0             | 290.0              | 9.5           | 1980         | 49.8      |
| 5     | 27.2           | 19.1           | 12.2             | 11.4             | 35.1              | 29.9              | 68.0             | 290.0              | 9.5           | 1960         | 49.9      |
| 6     | 27.1           | 18.9           | 12.3             | 11.3             | 35.0              | 30.1              | 68.0             | 288.0              | 9.4           | 1960         | 49.7      |
| 7     | 27.0           | 19.1           | 12.3             | 11.4             | 35.2              | 30.9              | 69.0             | 288.0              | 9.5           | 1960         | 49.6      |
| Avg   | 26.89          | 18.99          | 12.21            | 11.49            | 34.97             | 30.01             | 68.3             | 288.9              | 9.47          | 1968.57      | 49.84     |

TABLE - 1

FIGURE - 8



| Sr No | Room Temp D.B. | Room Temp W.B. | Outlet Temp D.B. | Outlet Temp W.B. | Cond. Temp D.B. | Cond. Temp W.B. | Suction Pressure | Discharge Pressure | Current (Amp) | Power (Watt) | Freq (Hz) |
|-------|----------------|----------------|------------------|------------------|-----------------|-----------------|------------------|--------------------|---------------|--------------|-----------|
| 1     | 27.1           | 18.9           | 11.9             | 10.9             | 35.0            | 30.1            | 68.0             | 265.0              | 8.4           | 1810         | 49.2      |
| 2     | 27.0           | 18.8           | 11.0             | 10.4             | 34.5            | 30.0            | 65.0             | 261.0              | 8.3           | 1800         | 49.5      |
| 3     | 27.0           | 19.0           | 12.3             | 11.0             | 34.8            | 29.8            | 67.0             | 263.0              | 8.3           | 1810         | 49.3      |
| 4     | 29.9           | 18.9           | 11.5             | 10.8             | 34.5            | 29.8            | 68.0             | 266.0              | 8.4           | 1820         | 49.1      |
| 5     | 26.7           | 19.0           | 11.9             | 10.7             | 35.1            | 29.9            | 65.0             | 264.0              | 8.4           | 1810         | 49.2      |
| 6     | 27.0           | 18.8           | 11.5             | 10.4             | 35.0            | 30.1            | 67.0             | 264.0              | 8.3           | 1800         | 49.1      |
| 7     | 26.9           | 19.1           | 11.3             | 10.8             | 35.4            | 30.1            | 69.0             | 270.0              | 8.4           | 1810         | 49.2      |
| Avg   | 27.03          | 18.93          | 11.63            | 10.71            | 34.90           | 29.97           | 67.0             | 264.71             | 8.36          | 1808.57      | 49.23     |

TABLE - 2

FIGURE - 9

| Sr No | Room Temp D.B. | Room Temp W.B. | Outlet Temp D.B. | Outlet Temp W.B. | Ambient Temp D.B. | Ambient Temp W.B. | Suction Pressure | Discharge Pressure | Current (Amp) | Power (Watt) | Freq (Hz) |
|-------|----------------|----------------|------------------|------------------|-------------------|-------------------|------------------|--------------------|---------------|--------------|-----------|
| 1     | 26.9           | 18.9           | 11.6             | 10.4             | 34.8              | 29.9              | 68.0             | 242.0              | 7.9           | 1640         | 48.9      |
| 2     | 27.1           | 18.8           | 11.5             | 10.3             | 34.9              | 29.8              | 65.0             | 230.0              | 7.9           | 1660         | 49.0      |
| 3     | 26.9           | 18.9           | 11.5             | 10.3             | 34.9              | 30.1              | 67.0             | 235.0              | 8.0           | 1640         | 49.1      |
| 4     | 27.0           | 19.0           | 11.4             | 10.4             | 35.1              | 30.0              | 68.0             | 240.0              | 8.0           | 1680         | 48.9      |
| 5     | 27.2           | 19.1           | 11.5             | 10.5             | 35.0              | 29.9              | 65.0             | 235.0              | 7.9           | 1640         | 48.8      |
| 6     | 27.1           | 19.0           | 11.5             | 10.4             | 35.1              | 29.8              | 67.0             | 240.0              | 7.9           | 1660         | 48.7      |
| 7     | 27.0           | 19.0           | 11.4             | 10.4             | 35.1              | 29.8              | 69.0             | 235.0              | 7.8           | 1660         | 48.9      |
| Avg   | 27.03          | 18.96          | 11.49            | 10.39            | 34.99             | 29.90             | 67.0             | 236.7              | 7.91          | 1654.29      | 48.90     |

TABLE - 3

FIGURE - 10

| Sr No | Room Temp D.B. | Room Temp W.B. | Outlet Temp D.B. | Outlet Temp W.B. | Ambient Temp D.B. | Ambient Temp W.B. | Suction Pressure | Discharge Pressure | Current (Amp) | Power (Watt) | Freq (Htz) |
|-------|----------------|----------------|------------------|------------------|-------------------|-------------------|------------------|--------------------|---------------|--------------|------------|
| 1     | 27.1           | 19.2           | 11.9             | 11.0             | 34.9              | 29.9              | 72.0             | 270.0              | 8.9           | 1840         | 48.9       |
| 2     | 27.1           | 19.0           | 12.0             | 10.9             | 34.8              | 30.1              | 72.0             | 268.0              | 8.8           | 1850         | 49.1       |
| 3     | 27.2           | 18.9           | 12.2             | 11.1             | 35.0              | 30.2              | 70.0             | 265.0              | 8.8           | 1850         | 49.2       |
| 4     | 27.3           | 18.9           | 12.1             | 11.1             | 35.2              | 29.6              | 69.0             | 265.0              | 8.7           | 1860         | 49.2       |
| 5     | 27.1           | 19.0           | 11.9             | 10.8             | 35.3              | 29.5              | 70.0             | 268.0              | 8.8           | 1840         | 49.1       |
| 6     | 26.9           | 19.1           | 11.8             | 10.9             | 35.1              | 29.8              | 72.0             | 272.0              | 8.9           | 1850         | 49.3       |
| 7     | 26.8           | 19.0           | 11.9             | 10.8             | 34.8              | 30.2              | 72.0             | 274.0              | 8.8           | 1850         | 49.4       |
| Avg   | 27.06          | 19.01          | 11.97            | 10.94            | 35.01             | 29.90             | 71.0             | 268.9              | 8.81          | 1848.57      | 49.17      |

TABLE - 4

FIGURE - 11